

Demodulator and method for the demodulation of modulated RF signals**Publication number:** TW451569 (B)**Also published as:****Publication date:** 2001-08-21

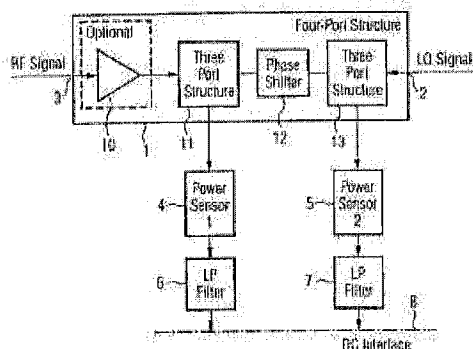
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H04L27/38; (IPC1-7): H04L27/00**- European:** H03D9/04; H04L27/38**Application number:** TW19990121701 19991210**Priority number(s):** WO1998EP08329 19981218; EP19990111681 19990616**Abstract of TW 451569 (B)**

A demodulator for modulated RF signals comprises a passive four port structure (1). The four port structure (1) has a first input (3) for supplying a modulated RF signal to be demodulated. A second input (2) is supplied with a RF signal from a local oscillator (21). Two output terminals are connected to power sensors (4, 5). The RF signal from the local oscillator (21) is supplied to the second input (3) of the four port structure (1) without being RF switched by RF switch. The demodulator is particularly useful for modulation schemes with a finite number of magnitude states (nQAM modulation).



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